Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 10 Dec 2022 until 23:59 on Sunday 11 Dec 2022

Forecast Issued on Friday 09 Dec 2022 at 11:35

Confidence: High for continuing cold and largely dry, but lower for details of any snow showers and also cloud amounts.

Headline for Saturday 10 Dec 2022: A few snow showers at first, but becoming brighter in the morning then mainly dry with some sunshine, though cold.

Mountain weather hazards on Saturday 10 Dec 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG							
Fog	Light snow showers (night)	Light snow showers (night)	Light snow showers	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
30%	30%	30%	30%	20%	20%	10%	10%

Forecast for Saturday 10 Dec 2022

Weather: Cold but rather cloudy with wintry showers overnight, these mostly in the west. Then a rather cloudy start with a few snow showers, again more especially in the west. Showers will clear in the morning and becoming brighter with some sunshine in the afternoon, but a cold day.

Chance of cloud-free hill tops above 600m: 30% at first, improving to 70% through the morning

Low cloud and visibility: Broken or extensive at first above 450-600m, but breaking up through the morning to leave scattered occasional broken cloud down to 600m. Mainly very good visibility, but poor or very poor in showers and within cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 10 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 SW	12/16 SW	12/17 SW	11/15 SW	9/12 SW	6/8 S	6/8 S	5/7 E	5/8 SE
300	6/10 SW	7/12 SW	8/13 SW	7/12 SW	7/10 SW	4/7 S	5/8 S	4/7 SE	3/6 E
Valley	4/8 SW	4/10 SW	4/12 S	4/11 S	4/9 SW	2/6 S	3/7 SE	3/6 E	3/7 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-7	-2/-8	-2/-8	-2/-8	-2/-6	-2/-5	-2/-6	-2/-6	-2/-6
300	-0/-4	-1/-4	-1/-4	-1/-4	0/-3	0/-2	0/-3	-0/-3	-1/-3
Valley	-0/-2	-0/-2	-1/-3	-0/-3	1/-2	1/-0	0/-1	-0/-2	-0/-2
Freezing Level*	200m	200m	100m	100m	200m	300m	300m	200m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Cold, with frozen surfaces persisting at all but the lowest levels. A significant chill effect possible, but rather light winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 09 Dec 2022	0.2mm	0.4mm	0.6mm

Forecast for Sunday 11 Dec 2022

Weather: Some freezing fog will form in valleys overnight and will be slow to clear, otherwise a dry, cold day with clear or sunny spells. Risk of cloudier conditions and a spell of snow in the evening.

Maximum wind: North or northwest 5-10mph becoming east or northeast 5-10mph.

Chance of cloud-free hill tops above 600m: 90%, perhaps 30% in evening

Low cloud and visibility: Patches cloud above 600m, but risk of broken or extensive cloud down to 500m in evening. Generally very good visibility, but very poor in freezing fog at low levels and within any cloud later.

Temperature: **Valleys:** Minus 4 C rising to zero or plus 1 C by day
At 600m: Minus 3 C
Freezing level: At all levels, perhaps rising to 200m later in day

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